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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Luigi Occhipinti, et al.

Title of Invention: **A MOLECULAR MEMORY OBTAINED USING DNA STRAND MOLECULAR SWITCHES AND CARBON NANOTUBES, AND METHOD FOR MANUFACTURING THE SAME**

Serial No.: 10/601,327

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Attorney Dkt. No.: 2110-66-3

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited in the United States Postal Service as First Class mail in an envelope addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2<sup>nd</sup> day of February, 2007.

Signature

**AMENDMENT AND RESPONSE UNDER 37 CFR §1.111**

TO THE COMMISSIONER FOR PATENTS

Reconsideration of the above-referenced patent application in view of the following amendments and remarks is requested. Please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.